



#14
2-12-03

PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 00-1292-A)

In the Application of:

Lisa Stadtmueller

Serial No. 10/034,807

Filed: December 28, 2001

For: Solid Nanocomposites and Their Use In
Dental Applications

Before the Examiner:

Group Art Unit: 3732

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Pursuant to the duty of disclosure provided by 35 C.F.R. § 1.56 and §§ 1.97-98, the applicants wish to make the following references of record in the above-identified application. Copies of the references are enclosed. Copies are also listed in the PTO-1449 form enclosed herewith. It is requested that each document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO-1449) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing on Form PTO-1449. Such initialing is requested even if the Examiner does not consider a cited document to be sufficiently pertinent to use in a rejection, or otherwise does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with.

RECEIVED
MAY 13 2002
163700 MAIL ROOM

This is requested so that each document becomes listed on the face of the patent issuing on the present application.

Portions of the references may be material to the examination of the pending claims, however no such admission is intended. 37 C.F.R. 1.97 (h). The references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative importance of any portion of the references. This Statement is not a representation that the cited references have effective dates early enough to be “prior art” within the meaning of 35 U.S.C. sections 102 or 103.

CITED REFERENCES

U.S PATENTS

<u>Document Number</u>	<u>Date</u>	<u>Name</u>
5 2 7 6 0 6 8	01/04/94	Waknine, Samuel
3 0 6 6 1 1 2	11/27/62	Bowen, Rafael L.
4 7 1 7 3 4 1	01/05/88	Goldberg, et al.
5 9 7 2 4 4 8	10/26/99	Frisk et al.
6 1 0 3 7 7 9	08/15/00	Guzauskas, Robert
6 0 6 9 1 9 2	05/30/00	Shalaby et al.
6 0 2 2 9 4 0	02/08/00	Byerley et al
5 0 6 1 1 8 4	10/29/91	Yamazaki et al.
3 9 2 6 9 0 6	12/16/75	Lee et al.
3 7 5 1 3 9 9	08/07/73	Lee et al.
5 9 5 5 5 1 4	09/21/99	Huang et al.

5 8 7 6 2 1 0	03/02/99	Klee et al.
5 8 7 9 8 1 2	03/02/99	Frisk et al.
6 1 1 4 4 0 9	09/05/00	Krebber, Burghadt
6 0 5 7 0 3 5	05/02/00	Singh et al.
6 1 3 6 9 0 8	10/24/00	Liao et al.
5 8 4 0 7 9 6	11/24/98	Badesha et al.
3 1 9 4 7 8 4	07/13/65	Bowen, Rafael L.
3 1 7 9 6 2 3	04/20/65	Bowen, Rafael L.
5 7 2 6 2 4 7	03/10/98	Michalczyk et al.
5 0 3 2 5 4 7	07/16/91	Giannelis et al.
5 8 5 3 8 8 6	12/29/98	Pinnavaia et al.
5 7 6 0 1 0 6	06/02/98	Pinnavaia et al.
5 8 8 0 1 9 7	03/09/99	Beall et al.
5 8 0 4 6 1 3	09/08/98	Beall et al.
5 7 6 0 1 2 1	06/02/98	Beall et al.
5 8 7 7 2 4 8	03/02/99	Beall et al.
5 8 4 9 8 3 0	12/15/98	Tsipursky et al.
5 8 4 4 0 3 2	12/01/98	Serrano et al.
5 8 3 0 5 2 8	11/03/98	Beall et al.
5 8 3 7 7 6 3	11/17/98	Ferraro et al.
5 6 9 8 6 2 4	12/16/97	Beall et al.
5 5 7 8 6 7 2	11/26/96	Beall et al.
5 5 5 2 4 6 9	09/03/96	Beall et al.
5 8 0 1 2 1 6	09/01/96	Pinnivaia et al.
6 0 / 2 5 9 0 4 5	12/29/00	Lisa Smucker

OTHER DOCUMENTS

Dagani, Ron, "*Putting the NANO Into Composites*", Chemical Engineering News, June 7, 1999; Pp. 25-37.

Dagani, Ron, "*NanoSpace 2000: Melding Two Worlds*" Chemical and Engineering News, February 28, 2000; Pp. 39-42.

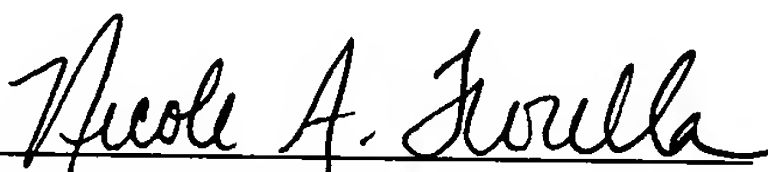
Gilman, Jeffery W. and Kashiwagi, Takashi, "*Nanocomposites: A Revolutionary New Flame Retardant Approach*", National Institute of Standards and Technology, Gaithersburg, MD.


Sherman, Lilli Manolis, "*Nanocomposites, A Little Goes A Long Way*", Plastics Technology, June 1999, Pp. 52-57.

Respectfully submitted,

McDonnell Boehnen Hulbert & Berghoff

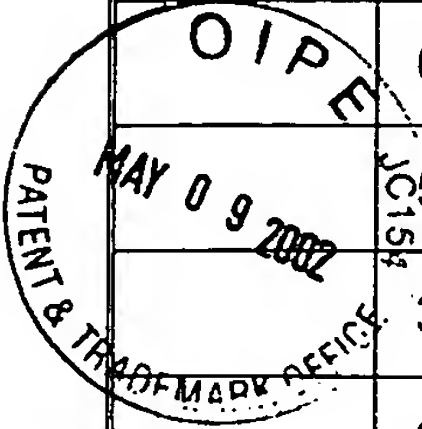
Date: May 6, 2002

By: 
Nicole A. Fiorella
Registration No. 48,622

FORM PTO-1449 (Rev. 2-32)		U. S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 00-1292-A	Serial No. 10/034,807
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several Sheets is Necessary)				Applicant: Stadtmueller, Lisa	
				Filing Date: 12/28/01	
				Group: 3732	
					

U. S. PATENT DOCUMENTS

Examiner Initials	Document Number							Date	Name	Class	Subclass	Filing Date Appropiat
	5	2	7	6	0	6	8	01/04/94	Waknine, Samuel			
	3	0	6	6	1	1	2	11/27/62	Bowen, Rafael L.			
	4	7	1	7	3	4	1	01/05/88	Goldberg, et al.			
	5	9	7	2	4	4	8	10/26/99	Frisk et al.			
	6	1	0	3	7	7	9	08/15/00	Guzauskas, Robert			
	6	0	6	9	1	9	2	05/30/00	Shalaby et al.			
	6	0	2	2	9	4	0	02/08/00	Byerley et al			
	5	0	6	1	1	8	4	10/29/91	Yamazaki et al.			
	3	9	2	6	9	0	6	12/16/75	Lee et al.			
	3	7	5	1	3	9	9	08/07/73	Lee et al.			
	5	9	5	5	5	1	4	09/21/99	Huang et al.			
	5	8	7	6	2	1	0	03/02/99	Klee et al.			
	5	8	7	9	8	1	2	03/02/99	Frisk et al.			
	6	1	1	4	4	0	9	09/05/00	Krebber, Burghadt			



	6	0	5	7	0	3	5	05/02/00	Singh et al.			
	6	1	3	6	9	0	8	10/24/00	Liao et al.			
	5	8	4	0	7	9	6	11/24/98	Badesha et al.			
	3	1	9	4	7	8	4	07/13/65	Bowen, Rafael L.			
	3	1	7	9	6	2	3	04/20/65	Bowen, Rafael L.			
	5	7	2	6	2	4	7	03/10/98	Michalczyk et al.			
	5	0	3	2	5	4	7	07/16/91	Giannelis et al.			
	5	8	5	3	8	8	6	12/29/98	Pinnavaia et al.			
	5	7	6	0	1	0	6	06/02/98	Pinnavaia et al.			
	5	8	8	0	1	9	7	03/09/99	Beall et al.			
	5	8	0	4	6	1	3	09/08/98	Beall et al.			
	5	7	6	0	1	2	1	06/02/98	Beall et al.			
	5	8	7	7	2	4	8	03/02/99	Beall et al.			
	5	8	4	9	8	3	0	12/15/98	Tsipursky et al.			
	5	8	4	4	0	3	2	12/01/98	Serrano et al.			
	5	8	3	0	5	2	8	11/03/98	Beall et al.			
	5	8	3	7	7	6	3	11/17/98	Ferraro et al.			
	5	6	9	8	6	2	4	12/16/97	Beall et al.			
	5	5	7	8	6	7	2	11/26/96	Beall et al.			
	5	5	5	2	4	6	9	09/03/96	Beall et al.			
	5	8	0	1	2	1	6	09/01/96	Pinnivaia et al.			
	60\259,045							12/29/00	Lisa Smucker			12/29/00

163700 MAIL ROOM

MAY 13 2002

RECEIVED



FOREIGN PATENT DOCUMENTS

		Document Number							Date	Country	Class	Subclas s	Translation	
													Yes	No

Sheet 2 of 3

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

Examiner's Initials	Date	
		Dagani, Ron, "Putting the NANO Into Composites", Chemical Engineering News, June 7, 1999; Pp. 25-37
		Dagani, Ron, "NanoSpace 2000:Melding Two Worlds" Chemical and Engineering News, February 28, 2000; Pp. 39-42
		Gilman, Jeffery W. and Kashiwagi, Takashi, "Nanocomposites: A Revolutionary New Flame Retardant Approach", National Institute of Standards and Technology, Gaithersburg, MD
		Sherman, Lilli Manolis, "Nanocomposites, A Little Goes A Long Way", Plastics Technology, June 1999, Pp. 52-57

Sheet 3 of 3

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformation and not considered. Include copy of this form with next communication.

RECEIVED
MAY 13 2002
103700 MAIL ROOM



3732

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

(Case No. 00-1292-A)

RECEIVED
AUG 16 2002
TC 1700

In the Application of:

Lisa Stadtmueller

Before the Examiner:

Serial No. 10/034,807

Group Art Unit: 3732

Filed: December 28, 2001

For: Solid Nanocomposites and Their Use In
Dental Applications

TRANSMITTAL LETTER

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In regard to the above identified application,

1. We are transmitting herewith the attached:

- a) Form PTO-1449;
- b) Information Disclosure Statement;
- c) 40 Cited References; and
- d) Postcard.

2. With respect to fees:

- a) No fee is required.
- b) Please charge any underpayment or credit any overpayment our Deposit Account, No. 13-2490.

3. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Asst. Commissioner for Patents, Washington, D.C. 20231 on May 6, 2002.

Respectfully submitted,

Nicole A. Fiorella

Nicole A. Fiorella

Registration No. 48,622

RECEIVED
MAY 13 2002
TC3700 MAIL ROOM